

November 6, 2014

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 10 to D.F. Tomasini Contractors, Inc. N70 W25176 Indian Grass Ln., Sussex 53089  
for Arcadian Avenue and Hartwell Avenue Utility and Street Improvements.

Contract No. 3859

4/3/2014


\$1,751,060.65 (\$1,845,648.15 Amended)

Item No	Quantity	Description	Cost	Per Unit	Amount
1	1,326	8-Inch Water Main and Fittings @	\$105.00	Per Lin. Ft.	\$139,230.00
2	8	Furnish and Install 8-Inch Gate Valves @	\$1,525.00	Per Each	\$12,200.00
3	5	Furnish and Install Hydrant Assembly @	\$5,200.00	Per Each	\$26,000.00
4	8	Connect 1-Inch Copper Service Lateral (SL1) @	\$875.00	Per Each	\$7,000.00
5	10	Connect 1-Inch Copper Service Lateral (SL2) @	\$975.00	Per Each	\$9,750.00
6	1	Connect 1-Inch Copper Service Lateral (SL3) @	\$1,000.00	Per Each	\$1,000.00
7	3	Connect 1 1/4-Inch Copper Service Lateral @	\$1,075.00	Per Each	\$3,225.00
8	2	Connect 2-Inch Copper Service Lateral (SL5) @	\$1,250.00	Per Each	\$2,500.00
9	4	Abandon Existing Hydrants @	\$825.00	Per Each	\$3,300.00
10	1	Abandon Valve Boxes & Manholes @	\$1,850.00	Per Lump Sum	\$1,850.00
11	1,010	8-Inch Sanitary Sewer (PVC) @	\$140.00	Per Lin. Ft.	\$141,400.00
12	60	10-Inch Sanitary Sewer (PVC) @	\$126.00	Per Lin. Ft.	\$7,560.00
13	672	12-Inch Sanitary Sewer (PVC) @	\$197.00	Per Lin. Ft.	\$132,384.00
14	504	15-Inch Sanitary Sewer (PVC) @	\$227.00	Per Lin. Ft.	\$114,408.00
15	157	Steel Casing (Min. 24" Diameter) @	\$562.98	Per Lin. Ft.	\$88,387.86
16	67.07	7 - 48-Inch Diameter Sanitary Sewer Manhole @	\$215.00	Per Vert. Ft.	\$14,420.05
17	50.25	4 - 48-Inch Diameter Sanitary Sewer Manhole with Outside Drop @	\$322.00	Per Vert. Ft.	\$16,180.50
18	960.5	6-Inch Lateral Replacement - Open Cut @	\$74.00	Per Lin. Ft.	\$71,077.00
19	144	6-Inch Lateral Replacement - Pipe Bursting @	\$73.00	Per Lin. Ft.	\$10,512.00
20	99.8	6-Inch PVC Sanitary Lateral Riser @	\$200.00	Per Vert. Ft.	\$19,960.00
21	4	Excavation and Lateral Connection at Right-of-Way (Pipe Bursting) @	\$1,250.00	Per Each	\$5,000.00
22	44	Sewer Lateral Video Inspections @	\$212.10	Per Each	\$9,332.40
23	2,776.8	Televising @	\$1.29	Per Lin. Ft.	\$3,582.07
24	32	Pre-Paving Sanitary Sewer Lateral Televising @	\$212.10	Per Each	\$6,787.20
25	73	12-Inch Storm Sewer (RCSP) @	\$68.00	Per Lin. Ft.	\$4,964.00
26	134	27-Inch Storm Sewer (RCSP) @	\$95.00	Per Lin. Ft.	\$12,730.00
27	3	Convert Manhole to Storm Inlet @	\$1,900.00	Per Each	\$5,700.00
28	19.2	8 Standard Storm Inlets @	\$250.00	Per Vert. Ft.	\$4,800.00
29	20.3	Standard Storm Manhole @	\$350.00	Per Vert. Ft.	\$7,105.00
30	8	Chimney Replacement @	\$874.00	Per Each	\$6,992.00
31	12.1	13 Storm Inlet Repair @	\$400.00	Per Vert. Ft.	\$4,840.00
32	0	Slurry Backfill @	\$50.00	Per Cu. Yd.	\$0.00
33	3,040	Concrete Curb and Gutter Removal @	\$2.50	Per Lin. Ft.	\$7,600.00
34	6,962.1	Pavement Removal - Reconstruction @	\$11.25	Per Sq. Yd.	\$78,323.63
35	4,358	Pavement Removal - Rehabilitation @	\$1.25	Per Sq. Yd.	\$5,447.50
36	993	Sawcutting at Pavement Limits @	\$1.45	Per Lin. Ft.	\$1,439.85
37	4,653.06	1/4-Inch Dense Aggregate @	\$11.00	Per Ton	\$51,183.66
38	84.52	1/4-Inch Crushed Stone Backfill (Includes Undercut) @	\$17.02	Per Ton	\$1,438.53
39	0	3-Inch Crushed Stone Backfill (Includes Undercut) @	\$17.02	Per Ton	\$0.00
40	0	Geotextile Fabric, Type SAS @	\$3.21	Per Sq. Yd.	\$0.00
41	1	Traffic Control @	\$15,000.00	Per Lump Sum	\$15,000.00
42	2,500	Shaping and Grading Roadway Base @	\$3.60	Per Lin. Ft.	\$9,000.00
43	24,371.5	Walk and Approach Removal @	\$2.13	Per Sq.Ft.	\$51,911.30
44	1	Temporary Lighting @	\$22,374.65	Per Lump Sum	\$22,374.65
45	1,442	Non Metallic Conduit, Street Light, Polyethylene Duct, 2-Inch @	\$7.65	Per Lin. Ft.	\$11,031.30
46	0	Directional Bore One 2-Inch Rigid Steel Conduit Below Railroad Tracks (1 Crossing Approx. 114 Lin. Ft.) @	\$2,542.00	Per Lump Sum	\$0.00
47	9	Street Light Pull Boxes, 15-Inch x 30-Inch @	\$566.00	Per Each	\$5,094.00
48	12	Concrete Bases, Type 5 @	\$679.40	Per Each	\$8,152.80
49	1,612	Electrical Wire 6 AWG @	\$1.11	Per Lin. Ft.	\$1,789.32
50	4,434	Electrical Wire 4 AWG @	\$1.43	Per Lin. Ft.	\$6,340.62
51	2,725	30-Inch Combination Concrete Curb and Gutter @	\$12.00	Per Lin. Ft.	\$32,700.00
52	806.5	Concrete Curb and Gutter Removal and Replacement @	\$40.99	Per Lin. Ft.	\$33,058.44
53	13,288.5	New 4-Inch Concrete Walk and Curb Ramps @	\$4.00	Per Sq. Ft.	\$53,154.00

54	7,426.6	New 6-Inch Concrete Walk and Drive Approach	@	\$4.05	Per Sq. Ft.	\$30,077.73
55	0	New 7-Inch Concrete Walk and Drive Approach	@	\$4.05	Per Sq. Ft.	\$0.00
56	240	Detectable Warning Surface	@	\$40.00	Per Sq. Ft.	\$9,600.00
57	787.73	HMA Pavement, 19.0 mm, Type E-3, PG 58-28	@	\$52.00	Per Ton	\$40,961.96
58	536.72	HMA Pavement, 12.5 mm, Type E-3, PG 58-28	@	\$54.00	Per Ton	\$28,982.88
59	495.16	HMA Pavement, 9.5 mm, Type E-3, PG 58-28	@	\$58.20	Per Ton	\$28,818.31
60	5,632	9-Inch Concrete Pavement, Doweled	@	\$32.00	Per Sq. Yd.	\$180,224.00
61	1,773	4-Inch HMA Pavement	@	\$4.20	Per Sq. Ft.	\$7,446.60
62	0	HMA Pavement Patching, Temporary, 2-Inch	@	\$106.00	Per Ton	\$0.00
63	0	Concrete Pavement Patching, 8-Inch	@	\$78.00	Per Sq. Yd.	\$0.00
64	4,192	Grooved in Place Pavement Markings, Yellow, Preformed Plastic, 4-Inch	@	\$5.05	Per Lin. Ft.	\$21,169.60
65	258	Grooved in Place Pavement Markings, White, Preformed Plastic, 4-Inch	@	\$6.10	Per Lin. Ft.	\$1,573.80
66	298	Grooved in Place Pavement Markings, White, Preformed Plastic, 8-Inch	@	\$7.80	Per Lin. Ft.	\$2,324.40
67	1,092	Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 6-Inch	@	\$8.20	Per Lin. Ft.	\$8,954.40
68	208	Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 18-Inch	@	\$19.05	Per Lin. Ft.	\$3,962.40
69	8	Grooved in Place Pavement Markings, Arrows, Type 2, White, Preformed Plastic	@	\$425.00	Per Each	\$3,400.00
70	5	Grooved in Place Pavement Markings, Words, Only, White, Preformed Plastic	@	\$605.00	Per Each	\$3,025.00
71	4	Grooved in Place Pavement Markings, Railroad Crossings, White, Preformed Thermoplastic	@	\$1,400.00	Per Each	\$5,600.00
72	2	Grooved in Place Pavement Markings, Bike Lane Symbol, Preformed Plastic	@	\$375.00	Per Each	\$750.00
73	2	Grooved in Place Pavement Markings, Bike Lane Arrow, Preformed Plastic	@	\$235.00	Per Each	\$470.00
74	14	Grooved in Place Pavement Markings, Symbols Bike Shared Lane, Preformed Plastic	@	\$690.00	Per Each	\$9,660.00
75	0	Valve Box Adjustments	@	\$492.48	Per Each	\$0.00
76	2,505.6	Topsoil and Sod (Includes Stripping)	@	\$7.80	Per Sq. Yd.	\$19,543.68
77	0	Silt Fence, Delivered, Installed and Maintained	@	\$6.00	Per Lin. Ft.	\$0.00
78	0	Maintained	@	\$15.00	Per Each	\$0.00
79	30	Filter Fabric Inlet Protection	@	\$45.00	Per Each	\$1,350.00
80	20	Extra Bags of Cement for High-Early-Strength Concrete	@	\$20.00	Per Each	\$400.00
Extra No. 1	1	Eliminate Existing Hydrant	@	\$2,650.00	Lump Sum	\$2,650.00
Extra No. 2	1	Relay Existing Watermain to Eliminate Conflict	@	\$4,650.00	Lump Sum	\$4,650.00
Extra No. 3	1	Extend Sanitary Sewer North on CarSolin Street	@	\$19,027.00	Lump Sum	\$19,027.00
Extra No. 4	55.5	Lin. Ft. of Pedestrian Curb	@	\$25.00	Lin. Ft.	\$1,387.50
Extra No. 5	1.0	Replacing Existing Collapsed Storm Sewer Under Railroad Tracks on Arcadian Ave.	@	\$89,937.50	Lump Sum	\$89,937.50
Subtotal						\$1,815,163.44
Less Retainage						\$5,000.00
Total						\$1,810,163.44
Less 16 Concrete Test Cylinders @ 17.00/Each						\$272.00
Total						\$1,809,891.44
Less Amount Previously Paid						\$1,669,463.02
Total Amount Due						\$140,428.42

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$140,428.42 be allowed.

Respectfully Submitted,

  
Fred V. Abadi, Ph.D., P.E.  
Director of Public Works